

10/781,055 LLM  
5/3/07

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	534	("alpha.-interferon" adj regulatory adj factor) or (IRF-1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 14:49
L2	6	((("alpha.-interferon" adj regulatory adj factor) or (IRF-1)) near2 (binding adj (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:17
L3	10	((("alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 14:55
L4	5	L3 and @ad<"20030218"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:08
L5	2	"5717058".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:48
L6	0	L5 and (((("alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:14
L8	0	L5 and interferon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:14
L9	2	"20020055173"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:17
L10	0	L9 and interferon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:17

## EAST Search History

L11	0	L9 and (((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:17
L12	2	"20030186424"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:54
L13	0	L12 and interferon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:48
L14	0	L12 and (((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:48
L15	3	"7018836".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:48
L16	1	L15 and interferon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:54
L17	0	L16 and (((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:55
L18	1	L16 and sp1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 15:58
L22	2	"20030129169"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:01
L23	1	L22 and interferon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:01

## EAST Search History

L24	0	L23 and (((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:01
L25	0	L23 and sp1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:01
L26	2	"20030104356"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:01
L27	2	L26 and interferon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:01
L28	0	L27 and (((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:02
L30	0	L27 and sp1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:01
L31	2	L27 and ((((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region))) or ((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:08
L32	0	L22 and ((((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region))) or ((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:03

## EAST Search History

L33	0	L15 and ((((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region))) or ((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:03
L34	0	L12 and ((((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region))) or ((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:03
L35	0	L9 and ((((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region))) or ((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:03
L36	359	((sp-1 or sp1) near2 (binding adj (element or region))) or ((sp-1 or sp1) near2 (element or region))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:07
L37	264	L36 and @ad<"20030218"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:08
L38	5	L37 and ((((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf) near2 (binding adj (element or region))) or ((".alpha.-interferon" adj regulatory adj factor) or (IRF-1) or (interferon adj regulatory adj factor-1) or irf))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:08
L39	0	L38 and ((TATA adj box) and (TFIIB adj binding adj element) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:10

## EAST Search History

L40	0	L38 and ((TATA adj box) and ((TFIIB adj binding adj element) or TFIIB) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:11
L41	3	L38 and ((TATA adj box) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:11
L42	3	L38 and ((TATA adj box) and initiator )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:12
L43	0	L42 and ((downstream adj promoter adj element) or DPE)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:12
L44	0	((("NFK.kappa.B") near2 (binding adj (element or region))) or ((("NFK.kappa.B") near2 (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:18
L45	1	((("NFK.kappa.B") near2 (binding adj (element or region))) or ((("NFK.kappa.B") with (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:18
L46	242	((("NF.kappa.B") near2 (binding adj (element or region))) or ((("NF.kappa.B") with (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:24
L47	462	L46 and (CBP near2 (binding adj (element or region))) or (CBP with (element or region))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:20
L48	2	L46 and ((CBP near2 (binding adj (element or region))) or (CBP with (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:21
L49	24	L46 and ((CBP near2 (binding adj (element or region))) or (CBP with (element or region))or ((CAT or CAAT) with (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:21

## EAST Search History

L50	24	L46 and (((CBP near2 (binding adj (element or region))) or (CBP with (element or region)) or ((CAT or CAAT) with (element or region)) or (((CAT or CAAT) near2 (binding adj (element or region))))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:22
L52	600	((ap1 or ap-1) near2 (binding adj (element or region))) or ((ap1 or ap-1) near2 (element or region))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:26
L53	2	L50 and (((ap1 or ap-1) near2 (binding adj (element or region))) or ((ap1 or ap-1) near2 (element or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/03 16:26

(c) 1999 AAAS. All rights reserved.

\*File 370: This file is closed (no updates). Use File 47 for more current information.

[File 391] Beilstein Reactions 2007/Q1

(c) 2007 Beilstein GmbH. All rights reserved.

[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 2006 The Thomson Corp. All rights reserved.

[File 467] ExtraMED(tm) 2000/Dec

(c) 2001 Informania Ltd. All rights reserved.

? s (((alpha-interferon (w) regulatory (w) factor) or (IRF-1) or (interferon (w) regulatory (w) factor-1) or irf) (2n) (binding (w) (element or region))) or ((alpha-interferon (w) regulatory (w) factor) or (IRF-1) or (interferon (w) regulatory (w) factor-1) or irf)) AND ((CBP (2n) (binding (w) (element or region))) or (CBP (w) (element or region)) or ((CAT or CAAT) (w) (element or region)) or ((CAT or CAAT) (2n) (binding (w) (element or region)))) and (((NF-kappaB or NF-KB) (2n) (binding (w) (element or region))) or ((NF-kappaB or NF-KB) (w) (element or region))) AND (((apl or ap-1) (2n) (binding (w) (element or region))) or ((apl or ap-1) (2n) (element or region))) and (((sp-1 or spl) (2n) (binding (w) (element or region))) or ((sp-1 or spl) (2n) (element or region)))

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

5604	ALPHA-INTERFERON
1036859	REGULATORY
6022141	FACTOR
0	ALPHA-INTERFERON (W) REGULATORY (W) FACTOR
890	IRF-1
656746	INTERFERON
1036859	REGULATORY
4263	FACTOR-1
188	INTERFERON (W) REGULATORY (W) FACTOR-1
12376	IRF
4326166	BINDING
1364986	ELEMENT
6348355	REGION

65 (( (ALPHA-INTERFERON (W) REGULATORY (W) FACTOR OR IRF-1) OR INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF) (2N) BINDING (W) (ELEMENT OR REGION)

5604	ALPHA-INTERFERON
1036859	REGULATORY
6022141	FACTOR
0	ALPHA-INTERFERON (W) REGULATORY (W) FACTOR
890	IRF-1
656746	INTERFERON
1036859	REGULATORY
4263	FACTOR-1
188	INTERFERON (W) REGULATORY (W) FACTOR-1

12376 IRF  
17745 CBP  
4326166 BINDING  
1364986 ELEMENT  
6348355 REGION  
18 CBP(2N)BINDING(W) (ELEMENT OR REGION)  
17745 CBP  
1364986 ELEMENT  
6348355 REGION  
0 CBP(W) (ELEMENT OR REGION)  
943595 CAT  
9546 CAAT  
1364986 ELEMENT  
6348355 REGION  
161 (CAT OR CAAT) (W) (ELEMENT OR REGION)  
943595 CAT  
9546 CAAT  
4326166 BINDING  
1364986 ELEMENT  
6348355 REGION  
2 (CAT OR CAAT) (2N)BINDING(W) (ELEMENT OR REGION)  
3866 NF-KAPPAB  
1106 NF-KB  
4326166 BINDING  
1364986 ELEMENT  
6348355 REGION  
0 (NF-KAPPAB OR NF-KB) (2N)BINDING(W) (ELEMENT OR REGION)  
3866 NF-KAPPAB  
1106 NF-KB  
1364986 ELEMENT  
6348355 REGION  
0 (NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION)  
11103 AP1  
8155 AP-1  
4326166 BINDING  
1364986 ELEMENT  
6348355 REGION  
24 (AP1 OR AP-1) (2N)BINDING(W) (ELEMENT OR REGION)  
11103 AP1  
8155 AP-1  
1364986 ELEMENT  
6348355 REGION  
873 (AP1 OR AP-1) (2N) (ELEMENT OR REGION)  
449 SP-1  
47345 SP1  
4326166 BINDING  
1364986 ELEMENT  
6348355 REGION  
287 (SP-1 OR SP1) (2N)BINDING(W) (ELEMENT OR REGION)  
449 SP-1  
47345 SP1  
1364986 ELEMENT  
6348355 REGION  
3010 (SP-1 OR SP1) (2N) (ELEMENT OR REGION)  
S1 0 S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR  
(INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION)))  
OR ((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY  
(W) FACTOR-1) OR IRF)) AND ((CBP (2N) (BINDING (W) (ELEMENT OR REGION))) OR (CBP (W)  
(ELEMENT OR REGION))OR ((CAT OR CAAT) (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT)  
(2N) (BINDING (W) (ELEMENT OR REGION)))) AND (((NF-KAPPAB OR NF-KB) (2N) (BINDING (W)  
(ELEMENT OR REGION))) OR ((NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION)))AND (((AP1 OR



AP-1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((AP1 OR AP-1) (2N) (ELEMENT OR REGION)))  
AND (((SP-1 OR SP1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((SP-1 OR SP1) (2N)  
(ELEMENT OR REGION)))

? S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W)  
REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION))) OR  
((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY (W)  
FACTOR-1) OR IRF)) OR ((SP-1 OR SP1) (2N) (ELEMENT OR REGION)))

>>>W: Unmatched parentheses

>>>E: There is no result

? S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W)  
REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION))) OR  
((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY (W)  
FACTOR-1) OR IRF)) AND (((SP-1 OR SP1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((SP-1  
OR SP1) (2N) (ELEMENT OR REGION)))

Processing

Processing

Processing

5604	ALPHA-INTERFERON
1036859	REGULATORY
6022141	FACTOR
0	ALPHA-INTERFERON (W) REGULATORY (W) FACTOR
890	IRF-1
656746	INTERFERON
1036859	REGULATORY
4263	FACTOR-1
188	INTERFERON (W) REGULATORY (W) FACTOR-1
12376	IRF
4326166	BINDING
1364986	ELEMENT
6348355	REGION
65	((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR OR IRF-1) OR INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF) (2N) BINDING (W) (ELEMENT OR REGION)
5604	ALPHA-INTERFERON
1036859	REGULATORY
6022141	FACTOR
0	ALPHA-INTERFERON (W) REGULATORY (W) FACTOR
890	IRF-1
656746	INTERFERON
1036859	REGULATORY
4263	FACTOR-1
188	INTERFERON (W) REGULATORY (W) FACTOR-1
12376	IRF
449	SP-1
47345	SP1
4326166	BINDING
1364986	ELEMENT
6348355	REGION
287	(SP-1 OR SP1) (2N) BINDING (W) (ELEMENT OR REGION)
449	SP-1
47345	SP1
1364986	ELEMENT
6348355	REGION
3010	(SP-1 OR SP1) (2N) (ELEMENT OR REGION)

S2 10 S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR  
(INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION)))  
OR ((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY  
(W) FACTOR-1) OR IRF)) AND (((SP-1 OR SP1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR  
((SP-1 OR SP1) (2N) (ELEMENT OR REGION)))

```

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S3          5   RD  (UNIQUE ITEMS)

? s s3 and ((TATA (w) box) )
          5   S3
        60565   TATA
        282771   BOX
        32645   TATA(W)BOX
S4          2   S S3 AND ((TATA (W) BOX) )

? s s4 and ((TFIIB (w) binding (w) element) or TFIIB)
          2   S4
        4852   TFIIB
        4326166   BINDING
        1364986   ELEMENT
          1   TFIIB(W)BINDING(W)ELEMENT
        4852   TFIIB
S5          1   S S4 AND ((TFIIB (W) BINDING (W) ELEMENT) OR TFIIB)

```

? t s5/medium/all

5/3/1 (Item 1 from file: 357) [Links](#)

Derwent Biotech Res.

(c) 2007 The Thomson Corp. All rights reserved.

0350206 DBA Accession No.: 2004-22498 PATENT

**New nucleic acid segment comprises SP72 synthetic promoter/enhancer, useful as a vaccine for genetic immunization or for gene therapy for treating or preventing cancers, infectious diseases, or inflammatory diseases construction of a nucleic acid vaccine comprising the SP72 promoter useful for disease prevention and gene therapy**

**Author:** JOHNSTON S; QU B

**Patent Assignee:** UNIV TEXAS SYSTEM 2004

**Patent Number:** US 20040171573 **Patent Date:** 20040902 **WPI Accession No.:** 2004-634560 (200461)

**Priority Application Number:** US 781055 **Application Date:** 20040218

**National Application Number:** US 781055 **Application Date:** 20040218

**Language:** English

? t s4/medium/all

4/3/1 (Item 1 from file: 34) **Links**

Fulltext available through: American Society for Microbiology custom link USPTO Full Text Retrieval  
Options

SciSearch(R) Cited Ref Sci

(c) 2007 The Thomson Corp. All rights reserved.

02142945 **Genuine Article#:** KD785 **No. References:** 65

**A NOVEL INTERFERON-INDUCIBLE DOMAIN - STRUCTURAL AND FUNCTIONAL-ANALYSIS OF  
THE HUMAN INTERFERON REGULATORY FACTOR-I GENE PROMOTER**

**Author:** SIMS SH; CHA Y; ROMINE MF; GAO PQ; GOTTLIEB K; DEISSEROTH AB

**Corporate Source:** UNIV TEXAS,MD ANDERSON CANC CTR,DEPT HEMATOL/HOUSTON//TX/77030;  
UNIV TEXAS,MD ANDERSON CANC CTR,DEPT HEMATOL/HOUSTON//TX/77030

**Journal:** MOLECULAR AND CELLULAR BIOLOGY , 1993 , V 13 , N1 ( JAN ) , P 690-702

**ISSN:** 0270-7306

**Language:** ENGLISH **Document Type:** ARTICLE ( Abstract Available )

4/3/2 (Item 1 from file: 357) Links

Derwent Biotech Res.

(c) 2007 The Thomson Corp. All rights reserved.

0350206 DBA Accession No.: 2004-22498 PATENT

**New nucleic acid segment comprises SP72 synthetic promoter/enhancer, useful as a vaccine for genetic immunization or for gene therapy for treating or preventing cancers, infectious diseases, or inflammatory diseases construction of a nucleic acid vaccine comprising the SP72 promoter useful for disease prevention and gene therapy**

**Author:** JOHNSTON S; QU B

**Patent Assignee:** UNIV TEXAS SYSTEM 2004

**Patent Number:** US 20040171573 **Patent Date:** 20040902 **WPI Accession No.:** 2004-634560 ( 200461 )

**Priority Application Number:** US 781055 **Application Date:** 20040218

**National Application Number:** US 781055 **Application Date:** 20040218

**Language:** English

? S ((CBP (2N) (BINDING (W) (ELEMENT OR REGION))) OR (CBP (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT) (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT) (2N) (BINDING (W) (ELEMENT OR REGION)))) AND (((NF-KAPPAB OR NF-KB) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION))) AND (((AP1 OR AP-1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((AP1 OR AP-1) (2N) (ELEMENT OR REGION))) AND (((SP-1 OR SP1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((SP-1 OR SP1) (2N) (ELEMENT OR REGION)))

Processing

Processing

Processing

Processing

Processing

Processing

Processing

17745	CBP
4326166	BINDING
1364986	ELEMENT
6348355	REGION
18	CBP (2N) BINDING (W) (ELEMENT OR REGION)
17745	CBP
1364986	ELEMENT
6348355	REGION
0	CBP (W) (ELEMENT OR REGION)
943595	CAT
9546	CAAT
1364986	ELEMENT
6348355	REGION
161	(CAT OR CAAT) (W) (ELEMENT OR REGION)
943595	CAT
9546	CAAT
4326166	BINDING
1364986	ELEMENT
6348355	REGION
2	(CAT OR CAAT) (2N) BINDING (W) (ELEMENT OR REGION)
3866	NF-KAPPAB
1106	NF-KB
4326166	BINDING
1364986	ELEMENT
6348355	REGION
0	(NF-KAPPAB OR NF-KB) (2N) BINDING (W) (ELEMENT OR REGION)
3866	NF-KAPPAB
1106	NF-KB
1364986	ELEMENT
6348355	REGION
0	(NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION)
11103	AP1
8155	AP-1
4326166	BINDING
1364986	ELEMENT
6348355	REGION
24	(AP1 OR AP-1) (2N) BINDING (W) (ELEMENT OR REGION)
11103	AP1
8155	AP-1
1364986	ELEMENT
6348355	REGION
873	(AP1 OR AP-1) (2N) (ELEMENT OR REGION)
449	SP-1
47345	SP1
4326166	BINDING
1364986	ELEMENT
6348355	REGION

```

287 (SP-1 OR SP1) (2N) BINDING (W) (ELEMENT OR REGION)
449 SP-1
47345 SP1
1364986 ELEMENT
6348355 REGION
3010 (SP-1 OR SP1) (2N) (ELEMENT OR REGION)
S6 0 S ((CBP (2N) (BINDING (W) (ELEMENT OR REGION))) OR (CBP (W) (ELEMENT OR
REGION)) OR ((CAT OR CAAT) (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT) (2N) (BINDING (W)
(ELEMENT OR REGION)))) AND (((NF-KAPPAB OR NF-KB) (2N) (BINDING (W) (ELEMENT OR REGION)))
OR ((NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION))) AND (((AP1 OR AP-1) (2N) (BINDING (W)
(ELEMENT OR REGION))) OR ((AP1 OR AP-1) (2N) (ELEMENT OR REGION))) AND (((SP-1 OR SP1)
(2N) (BINDING (W) (ELEMENT OR REGION))) OR ((SP-1 OR SP1) (2N) (ELEMENT OR REGION)))

? s S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W)
REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION))) OR
((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY (W)
FACTOR-1) OR IRF)) AND ((CBP (2N) (BINDING (W) (ELEMENT OR REGION))) OR (CBP (W) (ELEMENT
OR REGION)) OR ((CAT OR CAAT) (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT) (2N) (BINDING (W)
(ELEMENT OR REGION)))) AND (((NF-KAPPAB OR NF-KB) (2N) (BINDING (W) (ELEMENT OR REGION)))
OR ((NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION))) AND (((AP1 OR AP-1) (2N) (BINDING (W)
(ELEMENT OR REGION))) OR ((AP1 OR AP-1) (2N) (ELEMENT OR REGION)))
>>>W: Unmatched pare 17745 CBP
ntheses
>>>E: There is no result

? S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W)
REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION))) OR
((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY (W)
FACTOR-1) OR IRF)) AND ((CBP (2N) (BINDING (W) (ELEMENT OR REGION))) OR (CBP (W) (ELEMENT
OR REGION)) OR ((CAT OR CAAT) (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT) (2N) (BINDING (W)
(ELEMENT OR REGION)))) AND (((NF-KAPPAB OR NF-KB) (2N) (BINDING (W) (ELEMENT OR REGION)))
OR ((NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION))) AND (((AP1 OR AP-1) (2N) (BINDING (W)
(ELEMENT OR REGION))) OR ((AP1 OR AP-1) (2N) (ELEMENT OR REGION)))
Processing
Processing
Processing
Processing
Processing
Processing
Processing
5604 ALPHA-INTERFERON
1036859 REGULATORY
6022141 FACTOR
0 ALPHA-INTERFERON (W) REGULATORY (W) FACTOR
890 IRF-1
656746 INTERFERON
1036859 REGULATORY
4263 FACTOR-1
188 INTERFERON (W) REGULATORY (W) FACTOR-1
12376 IRF
4326166 BINDING
1364986 ELEME 1364986 ELEMENT
6348355 REGION
0 CBP (W) (ELEMENT OR REGION)
943595 CAT
9546 CAAT
1364986 ELEMENT
6348355 REGION
161 (CAT OR CAAT) (W) (ELEMENT OR REGION)
943595 CAT
9546 CAAT

```

4326166 BINDING  
 1364986 ELEMENT  
 6348355 REGION  
     2 (CAT OR CAAT) (2N) BINDING (W) (ELEMENT OR REGION)  
     3866 NF-KAPPAB  
     1106 NF-KB  
 4326166 BINDING  
 1364986 ELEMENT  
 6348355 REGION  
     0 (NF-KAPPAB OR NF-KB) (2N) BINDING (W) (ELEMENT OR REGION)  
     3866 NF-KAPPAB  
     1106 NF-KB  
 1364986 ELEMENT  
 6348355 REGION  
     0 (NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION)  
     11103 AP1  
     8155 AP-1  
 4326166 BINDING  
 1364986 ELEMENT  
 6348355 REGION  
     24 (AP1 OR AP-1) (2N) BINDING (W) (ELEMENT OR REGION)  
     11103 AP1  
     8155 AP-1  
 1364986 ELEMENT  
 6348355 REGION  
     873 (AP1 OR AP-1) (2N) (ELEMENT OR REGION)  
 S7       0 S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR  
 (INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION)))  
 OR ((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY  
 (W) FACTOR-1) OR IRF)) AND ((CBP (2N) (BINDING (W) (ELEMENT OR REGION))) OR (CBP (W)  
 (ELEMENT OR REGION)) OR ((CAT OR CAAT) (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT)  
 (2N) (BINDING (W) (ELEMENT OR REGION)))) AND (((NF-KAPPAB OR NF-KB) (2N) (BINDING (W)  
 (ELEMENT OR REGION))) OR ((NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION))) AND (((AP1 OR  
 AP-1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((AP1 OR AP-1) (2N) (ELEMENT OR REGION)))

? d s

Set	Items	Description
S1	0	S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF)) AND ((CBP (2N) (BINDING (W) (ELEMENT OR REGION))) OR (CBP (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT) (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT) (2N) (BINDING (W) (ELEMENT OR REGION)))) AND (((NF-KAPPAB OR NF-KB) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION))) AND (((AP1 OR AP-1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((AP1 OR AP-1) (2N) (ELEMENT OR REGION))) AND (((SP-1 OR SP1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((SP-1 OR SP1) (2N) (ELEMENT OR REGION)))
S2	10	S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF)) AND (((SP-1 OR SP1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((SP-1 OR SP1) (2N) (ELEMENT OR REGION)))
S3	5	RD (unique items)
S4	2	S S3 AND ((TATA (W) BOX) )
S5	1	S S4 AND ((TFIIB (W) BINDING (W) ELEMENT) OR TFIIB)
S6	0	S ((CBP (2N) (BINDING (W) (ELEMENT OR REGION))) OR (CBP (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT) (W) (ELEMENT OR REGION)) OR ((CAT OR CAAT) (2N) (BINDING (W) (ELEMENT OR REGION))) AND (((NF-KAPPAB OR NF-KB) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION))) AND (((AP1 OR AP-1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((AP1 OR AP-1) (2N) (ELEMENT OR REGION))) AND (((SP-1 OR SP1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((SP-1 OR SP1) (2N) (ELEMENT OR REGION)))

S7            0    S (((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR  
 (INTERFERON (W) REGULATORY (W) FACTOR-1) OR IRF) (2N) (BINDING (W) (ELEMENT OR REGION)))  
 OR ((ALPHA-INTERFERON (W) REGULATORY (W) FACTOR) OR (IRF-1) OR (INTERFERON (W) REGULATORY  
 (W) FACTOR-1) OR IRF)) AND ((CBP (2N) (BINDING (W) (ELEMENT OR REGION))) OR (CBP (W)  
 (ELEMENT OR REGION))OR ((CAT OR CAAT) (W)(ELEMENT OR REGION)) OR ((CAT OR CAAT)  
 (2N)(BINDING (W) (ELEMENT OR REGION)))) AND (((NF-KAPPAB OR NF-KB) (2N) (BINDING (W)  
 (ELEMENT OR REGION))) OR ((NF-KAPPAB OR NF-KB) (W) (ELEMENT OR REGION)))AND (((AP1 OR  
 AP-1) (2N) (BINDING (W) (ELEMENT OR REGION))) OR ((AP1 OR AP-1) (2N) (ELEMENT OR REGION)))

?